

Figure 1

BAASS:Avidin sequence:

ATGGCCAACAAGCACCTGAGCCTCTCCCTCTTCCTCGTGCTCCTCGGCCTCTCCGCCTCCCT
CGCCAGCGGCGCCAGGAAGTGCTCCCTCACC GGCAAGTGGACCAATGACCTCGGCTCCAACA
TGACCATCGGCGCCGTGAACTCCAGGGGCGAGTTCACCGGCACCTACATCACC GCGGTGACC
GCCACCTCCAACGAGATCAAGGAGTCCCCCTCCACGGTACCCAGAACACCATCAACAAGAG
GACCCAGCCACCTTCGGCTTCACCGTGAACTGGAAGTTCTCCGAGTCCACCACCGTGTTCA
CCGGCCAGTGCTTCATCGACCGCAACGGCAAGGAGGTGCTCAAGACCATGTGGCTCCTGAGG
AGCTCCGTGAATGACATCGGCGACGACTGGAAGGCCACCCGCGTGGGCATCAACATCTTCAC
CCGCCTCCGCACCCAGAAGGAGTGA

Figure 2

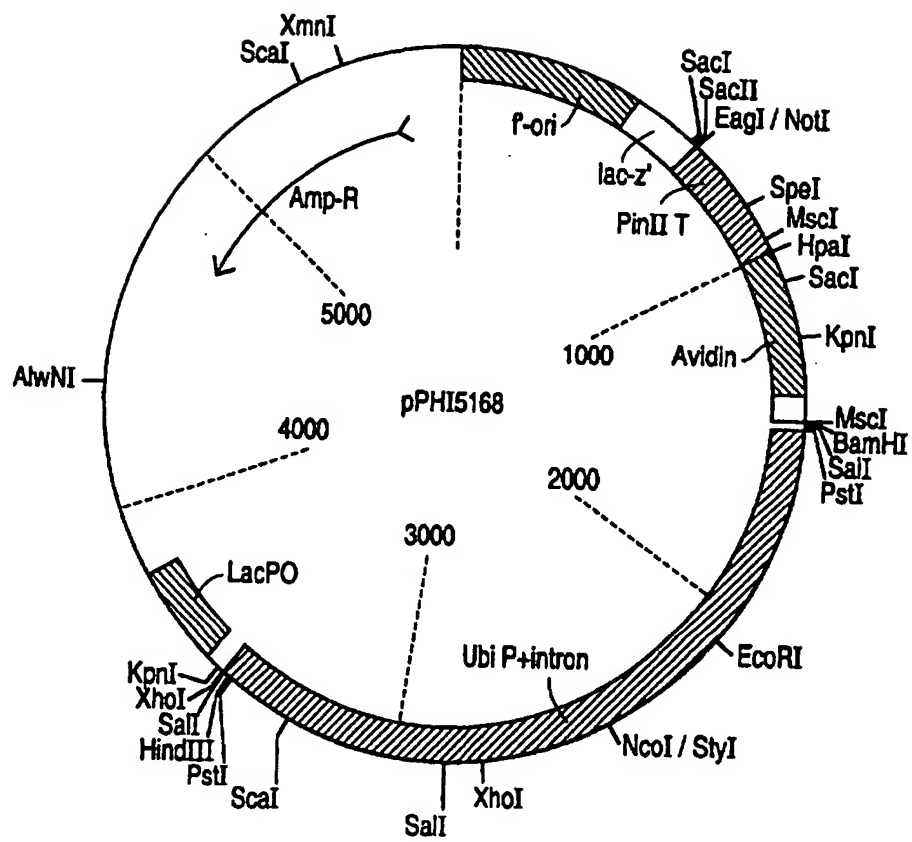


Figure 3

Maize optimized (mo) *pat* sequence:

atgtccccgagcgccgccccgtcgagatccgccccggccaccgcccgcgacatggccgcccgtgtg
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aggagtggatcgacgacctggagcgccctccaggaccgctaccgctggctcgtggccgaggtggag
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Figure 4

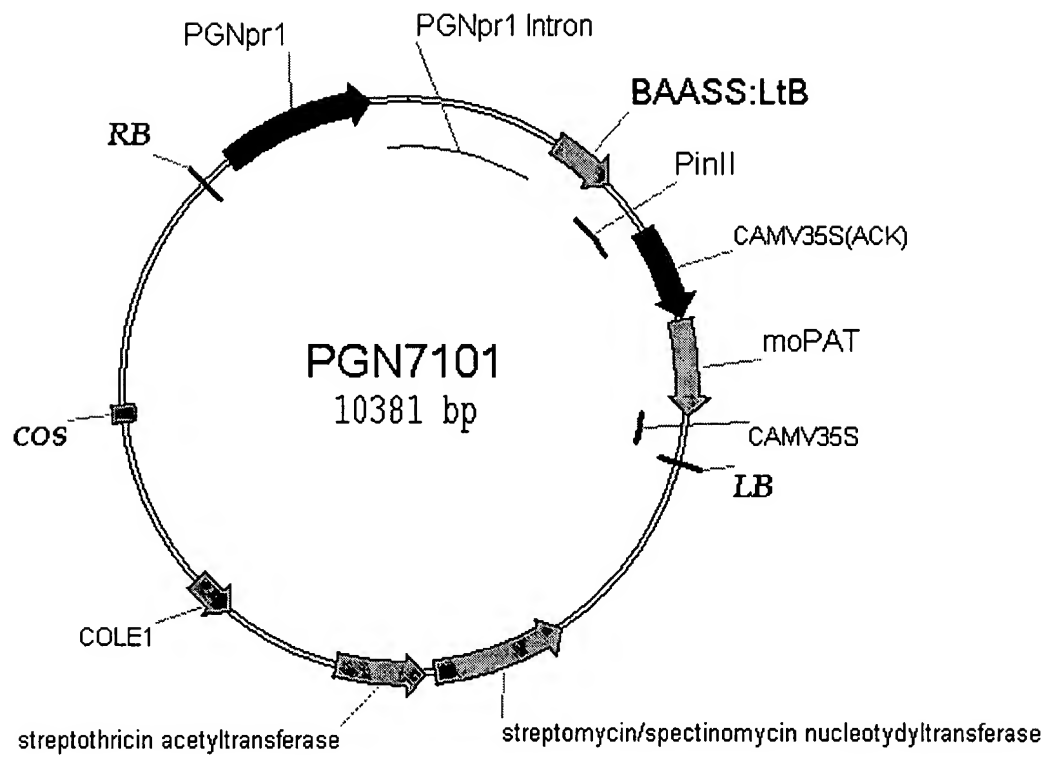


Figure 5A

LtB Sequence:

gccccgcagtcctcatcaccgagctctgctccgagtaccacaacacccagatctacaccatcaacga
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ccggcgccaccttccaggtggaggtgccgggctcccagcacatcgactcccagaagaaggccatc
gagcgcatgaaggacaccctccgcatcacctacctcaccgagaccaagatcgacaagctctgcgt
gtggaacaacaagacccccgaactccatcgccgcatcagcatggagaac

Figure 5B

BAASS:LtB sequence:

atggccaacaagcacctgagcctctccctcttcctcgtgctcctcggcctctccgcctccctcgc
cagcggcgccccgcagtcctcatcaccgagctctgctccgagtaccacaacacccagatctacacca
tcaacgacaagatcctctcctacaccgagagcatggccggcaagcgcgagatggtgatcatcacc
ttcaagtccggcgccaccttccaggtggaggtgccgggctcccagcacatcgactcccagaagaa
ggccatcgagcgcatgaaggacaccctccgcatcacctacctcaccgagaccaagatcgacaagc
tctgcgtgtggaacaacaagacccccgaactccatcgccgcatcagcatggagaact

Figure 6

VP2 sequence from IPNV:

aacaccaacaaggcaaccgcaacttacttgaaatccatcatgcttccagagactggaccagcaag
catcccgagacataacggagagacacatcctaaaacaagagacctcgtcatacaacctagagg
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gtcctgtactgtccacgctgtttccaatggcagcaccactcatcgga

Figure 7

BAASS:VP2 sequence from IPNV:

atggcgaacaagcacctgagccttagcctcttccctcgtgctcctgggcctctccgcctccctcgc
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agtcgcagctcctgtactgtccacgctgtttccaatggcagcaccactcatcgga

Figure 8

VP3 sequence from IPNV:

gacgaggagctgcagcgcctcctgaacgccacgatggccagggccaaggaggtccaggacgccga
gatctacaaacttcttaagctcatggcatggaccagaaagaacgacctcaccgaccacatgtacg
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Figure 9

BAASS:VP3 sequence from IPNV:

atggcgaacaagcacctgagccttagcctcttcctcgtgctcctgggcctctccgcctccctcgc
ctccggcgacgaggagctgcagcgcctcctgaacgccacgatggccagggccaaggaggtccagg
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Figure 10

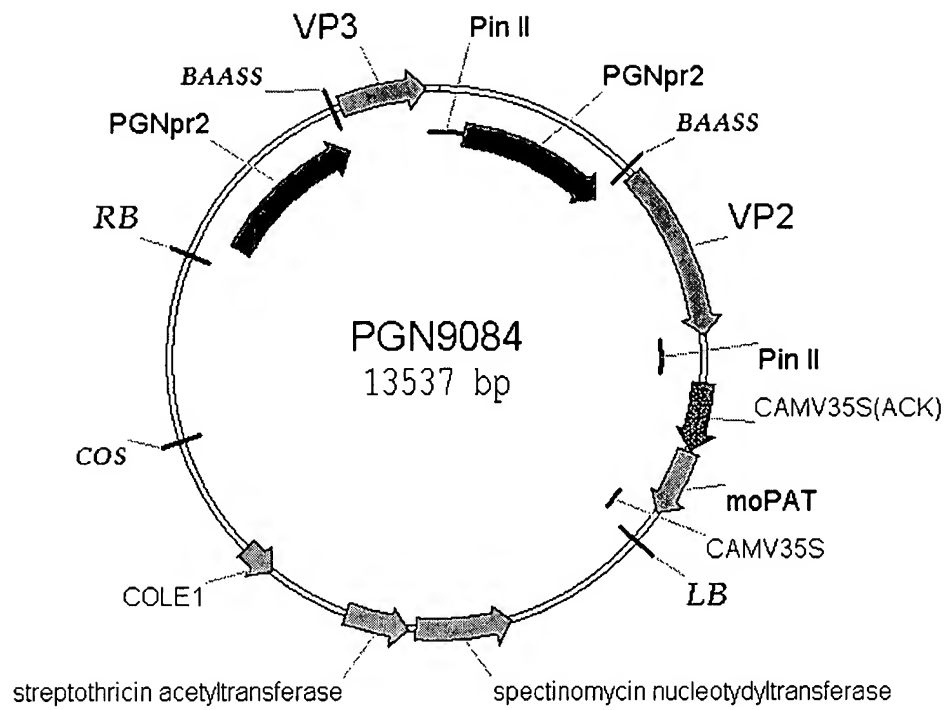


Figure 11

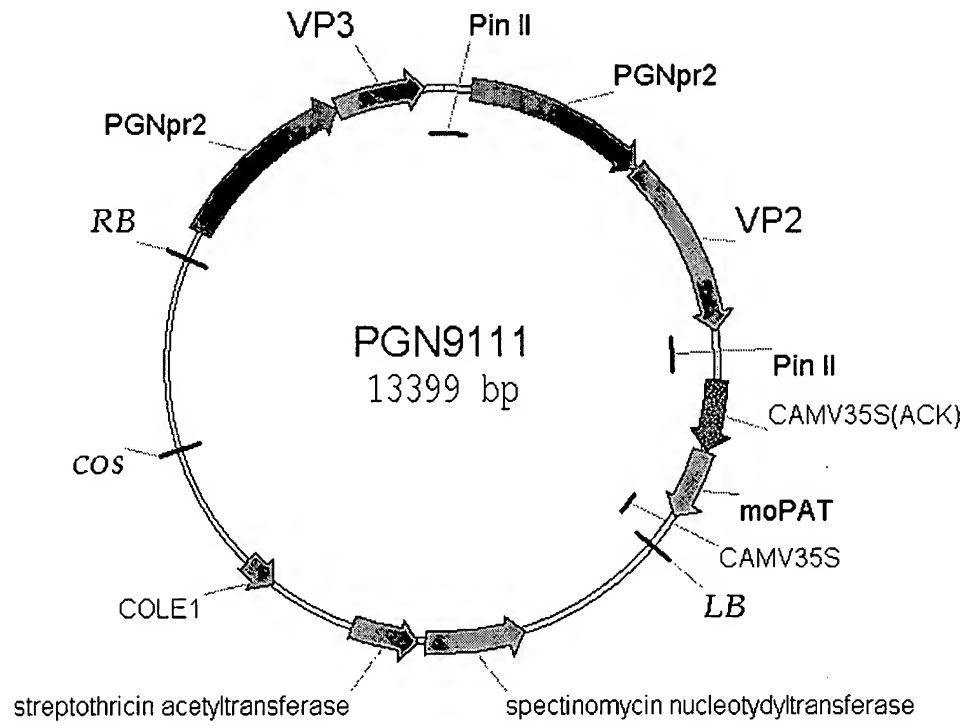


Figure 12

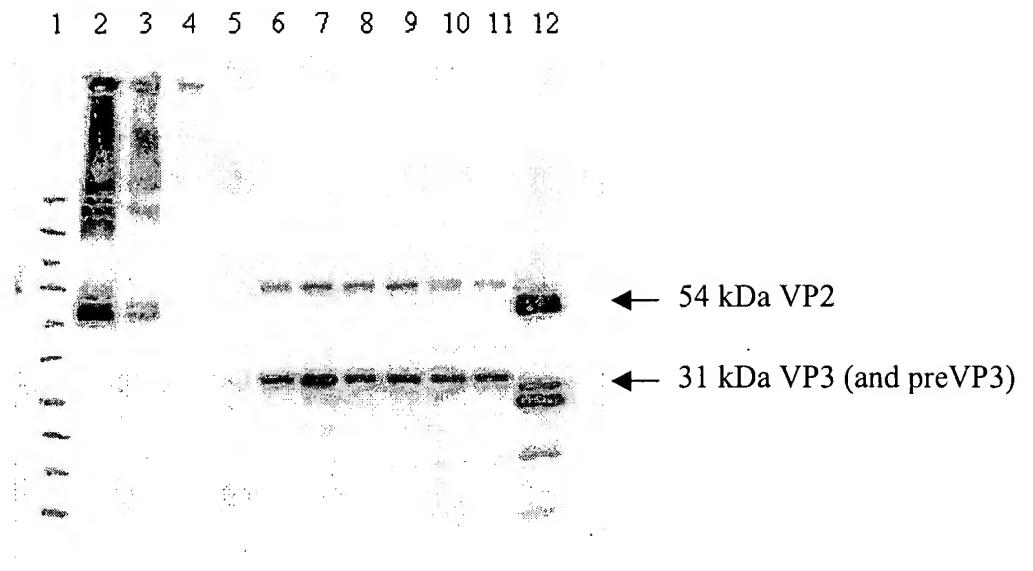
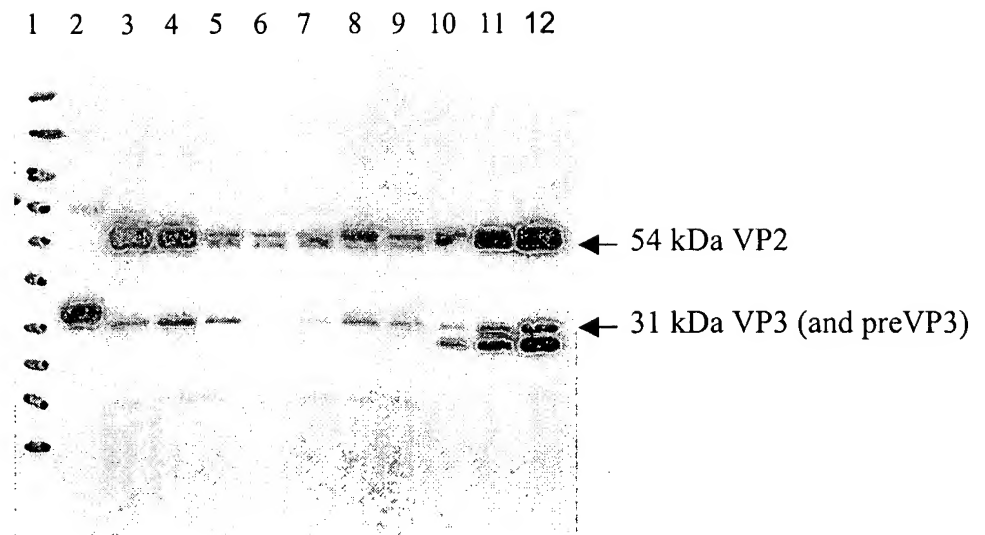


Figure 13



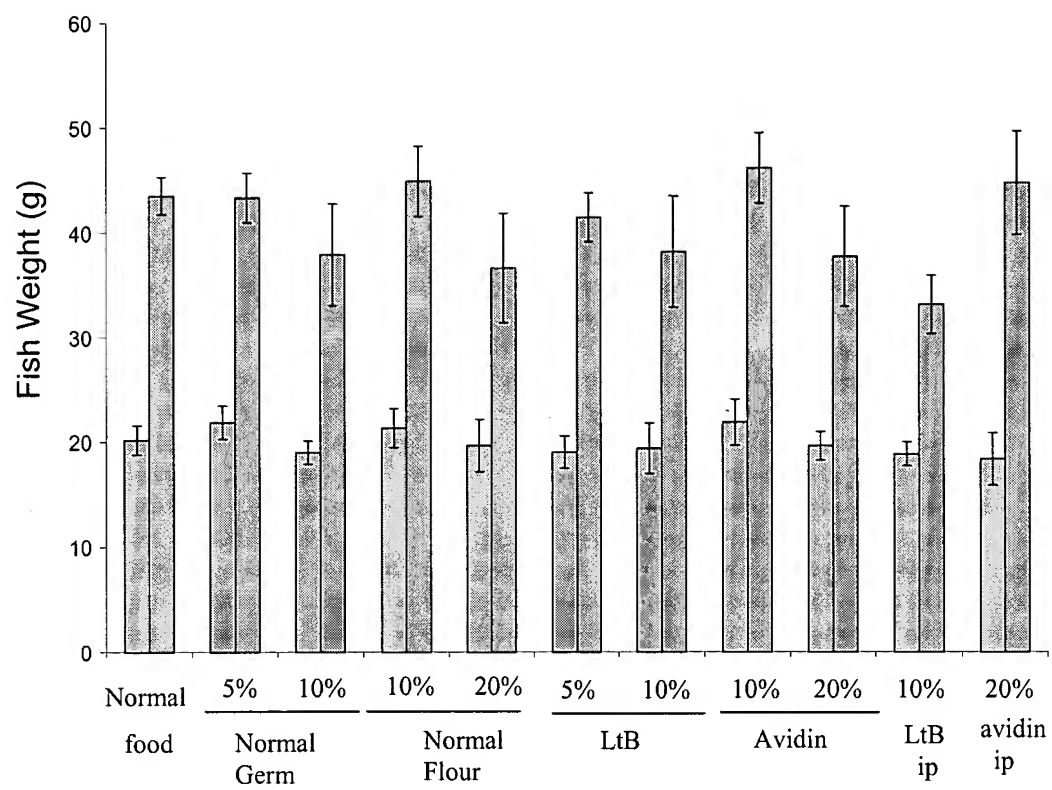
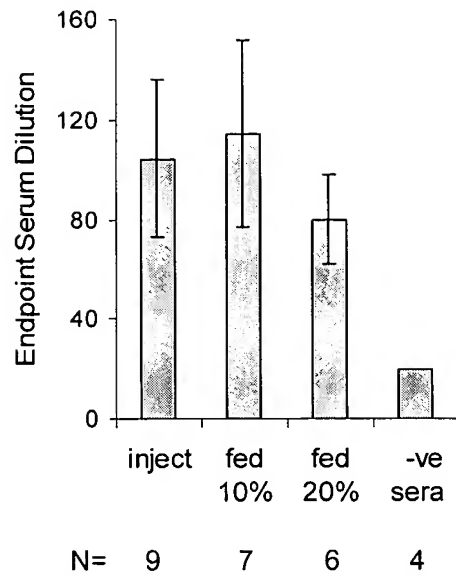


Figure 14

A) Avidin



B) LtB (1/80 serum dilution)

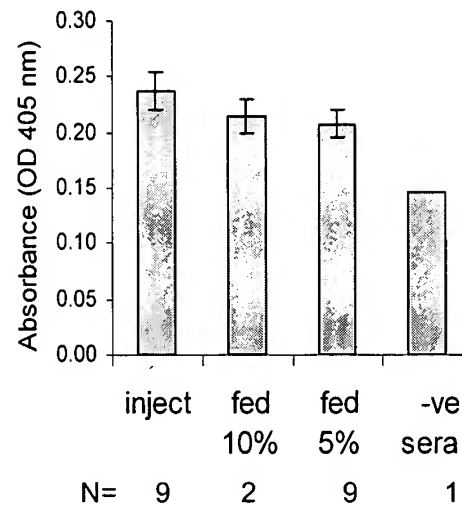


Figure 15